

CLMPTO

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1. (Original) A computing device to allow for the selection and display of a multimedia presentation of an audio file to a user and to allow the user to play a musical instrument in conjunction with the multimedia presentation, wherein an interface device couples the musical instrument to the computing device by performing analog to digital conversion of the musical instrument's analog audio signal to create a digitized audio signal and a server transmits a session file associated with a musical piece to the computing device through a computer network, the session file including an audio file and multimedia data, the computing device comprising:

a communication device to:

transmit a user's request for the selection of a musical piece to the server; and
receive the session file associated with the selected musical piece from the server;

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and

a processor to:

process the session file such that the computing device presents a multimedia presentation of the audio file to the user; and

process the digitized audio signal of the musical instrument so that the user can play the musical instrument in conjunction with the multimedia presentation of the audio file.

2. (Original) The computing device of claim 1, wherein the processor further creates and causes the display of a control panel graphical interface for the musical instrument, the control panel graphical interface having settings that define sound characteristics for the musical instrument.

3. (Original) The computing device of claim 2, wherein the control panel graphical interface allows the user to set the sound characteristics for the musical instrument.

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4. (Original) The computing device of claim 2, wherein, in response to the multimedia data of the session file, further comprising setting the control panel graphical interface to pre-defined values to model the sound characteristics of the musical instrument associated with the audio file for the musical piece selected by the user.
5. (Original) The computing device of claim 1, wherein a track associated with the user's musical instrument is removed from the audio file for the musical piece selected by the user such that the user can play the user's musical instrument in conjunction with a multimedia presentation of the audio file that does not include the user's musical instrument.
6. (Original) The computing device of claim 1, further comprising displaying music notation associated with the audio file of the musical piece selected by the user in the multimedia presentation to the user.
7. (Original) The computing device of claim 1, wherein the server identifies the user based upon a unique identifier.
8. (Original) The computing device of claim 7, wherein the unique identifier is a serial number.

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9. (Original) The computing device of claim 7, further comprising displaying a presentation of musical pieces tailored to the user based upon the unique identifier.

10. (Original) The computing device of claim 7, wherein the interface device stores a user key associated with the interface device.

11. (Original) The computing device of claim 10, wherein the audio file transmitted from the server to the computing device of the user is encrypted with an audio file key associated with the audio file and the audio file key is encrypted with a user key for the user and is also transmitted to the computing device.

12. (Original) The computing device of claim 11, wherein the interface device decrypts the audio file key that is encrypted with the user key using the stored user key and transmits the decrypted audio file key to the computing device, further comprising:

decrypting the audio file with the audio file key.

13. (Original) The computing device of claim 1, wherein the musical instrument is a microphone.

14. (Original) The computing device of claim 1, wherein the musical instrument is a guitar.

15. (Original) The computing device of claim 14, wherein the processor further creates and causes the display a control panel graphical interface including an amplifier for a guitar, the control panel graphical interface having settings that define sound characteristics for the guitar.

16. (Original) The computing device of claim 15, in response to the multimedia data of the session file, further comprising setting the control panel graphical interface to pre-defined values to model the sound characteristics of the guitar associated with the audio file for the musical piece selected by the user.

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17. (Original) The computing device of claim 16, wherein a guitar track is removed from the audio file for the musical piece selected by the user such that the user can play the user's guitar in conjunction with a multimedia presentation of the audio file that does not include the guitar track.

18. (Original) The computing device of claim 17, further comprising displaying music notation for a guitar associated with the audio file of the musical piece selected by the user in the multimedia presentation to the user

19. (Original) A computer-readable medium having stored thereon instructions executable by a computing device, the computing device to allow for the selection and display of a multimedia presentation of an audio file to a user and to allow the user to play a musical instrument in conjunction with the multimedia presentation, wherein an interface device couples the musical instrument to the computing device by performing analog to digital conversion of the musical instrument's analog audio signal to create a digitized audio signal and a server transmits a session file associated with a musical piece to the computing device through a computer network, the session file including an audio file and multimedia data, the instructions when executed by the computing device, cause the computing device to perform the following operations comprising:

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transmitting a user's request for the selection of a musical piece to the server;

receiving the session file associated with the selected musical piece from the server;

processing the session file such that the computing device presents a multimedia presentation of the audio file to the user; and

processing the digitized audio signal of the musical instrument so that the user can play the musical instrument in conjunction with the multimedia presentation of the audio file.

20. (Original) The computer-readable medium of claim 19, further comprising creating and displaying a control panel graphical interface for the musical instrument, the control panel graphical interface having settings that define sound characteristics for the musical instrument.

CLAIMS 21 – 54 (CANCELLED)